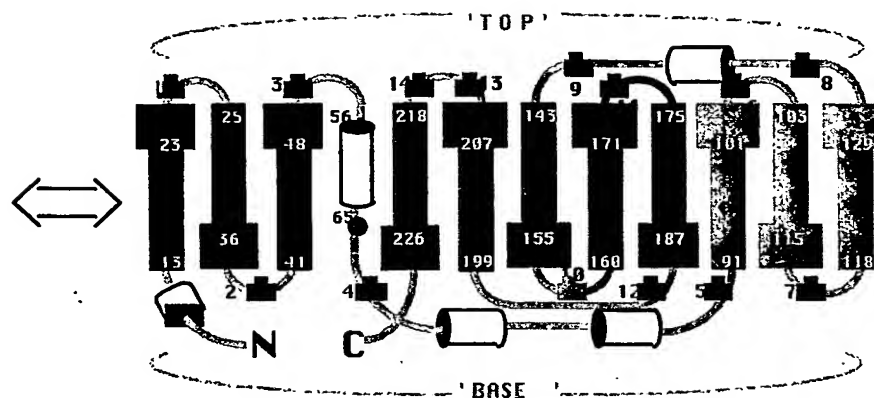


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Figure 1

A



B

Possible split points in EGFP considered for hapto formation.

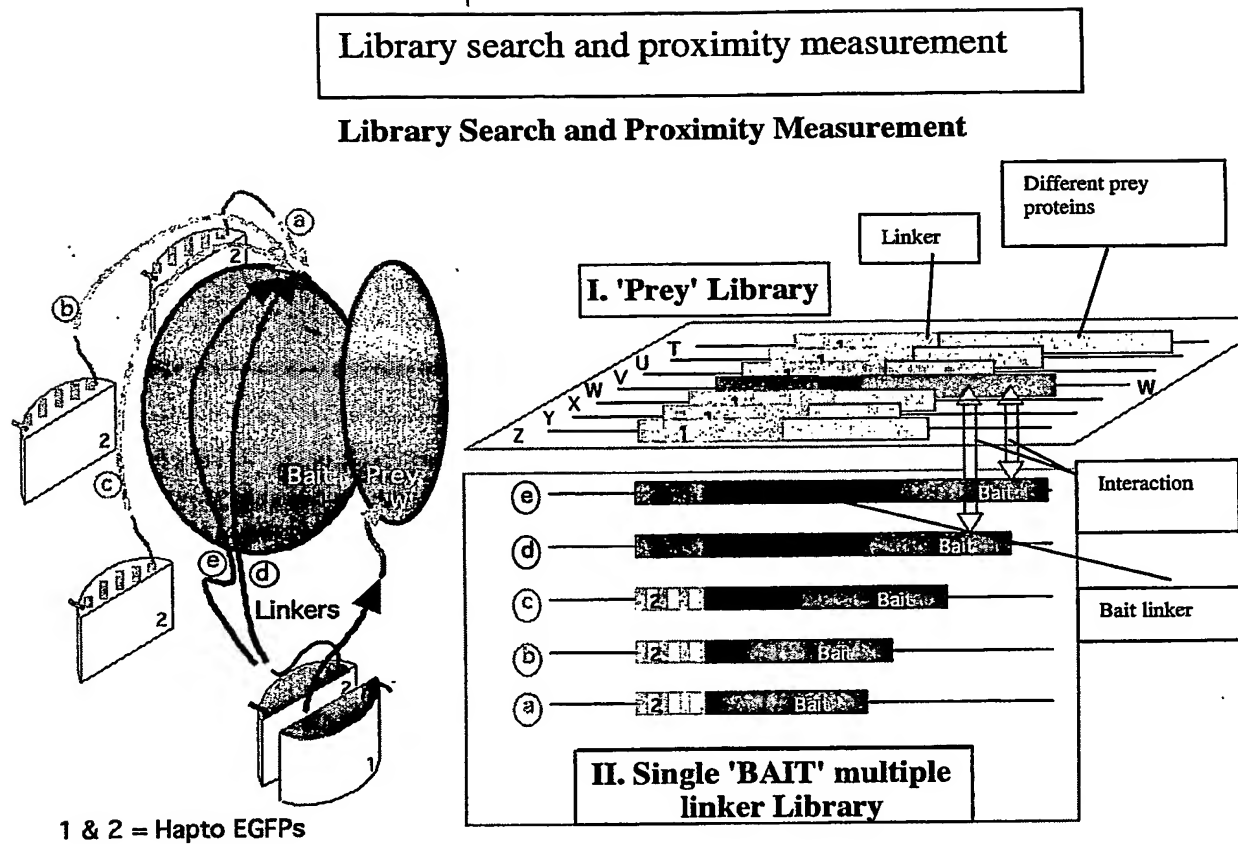
No.	Position	Top/ Bottom	>-----Sequence----->
1	23/24	T	...D V N G⁺H K F S...
2	38/39	B	...G D A T⁺Y G K L...
3	50/51	T	...I C T T⁺G K L P...
4	76/77	B	...R Y P D⁺H M K Q...
5	89/90	B	...S A M P⁺E G Y V...
6	102/103	T	...F F K D⁺D G N Y...
7	116/117	B	...K F E G⁺D T L Y...
8	132/133	T	...D F K E⁺D G N I...
9	142/143	T	...H K L E⁺Y N Y N...
10	157/158	B	...A D K Q⁺K N G I...
11	172/173	T	...H N I E⁺D G S V...
12	190/191	B	...P I G D⁺G P V L...
13	211/212	T	...C H T E⁺E R...
14	214/215	T	...P N E K⁺R D H M...

Key: Residues at the new, internal C- and N-termini (C' & N') are shown in **bold** with ⁺ between them. Adjacent hydrophobic residues are in *italics*.

The colours in the vertical bar correspond to the structural motifs of the cartoon.

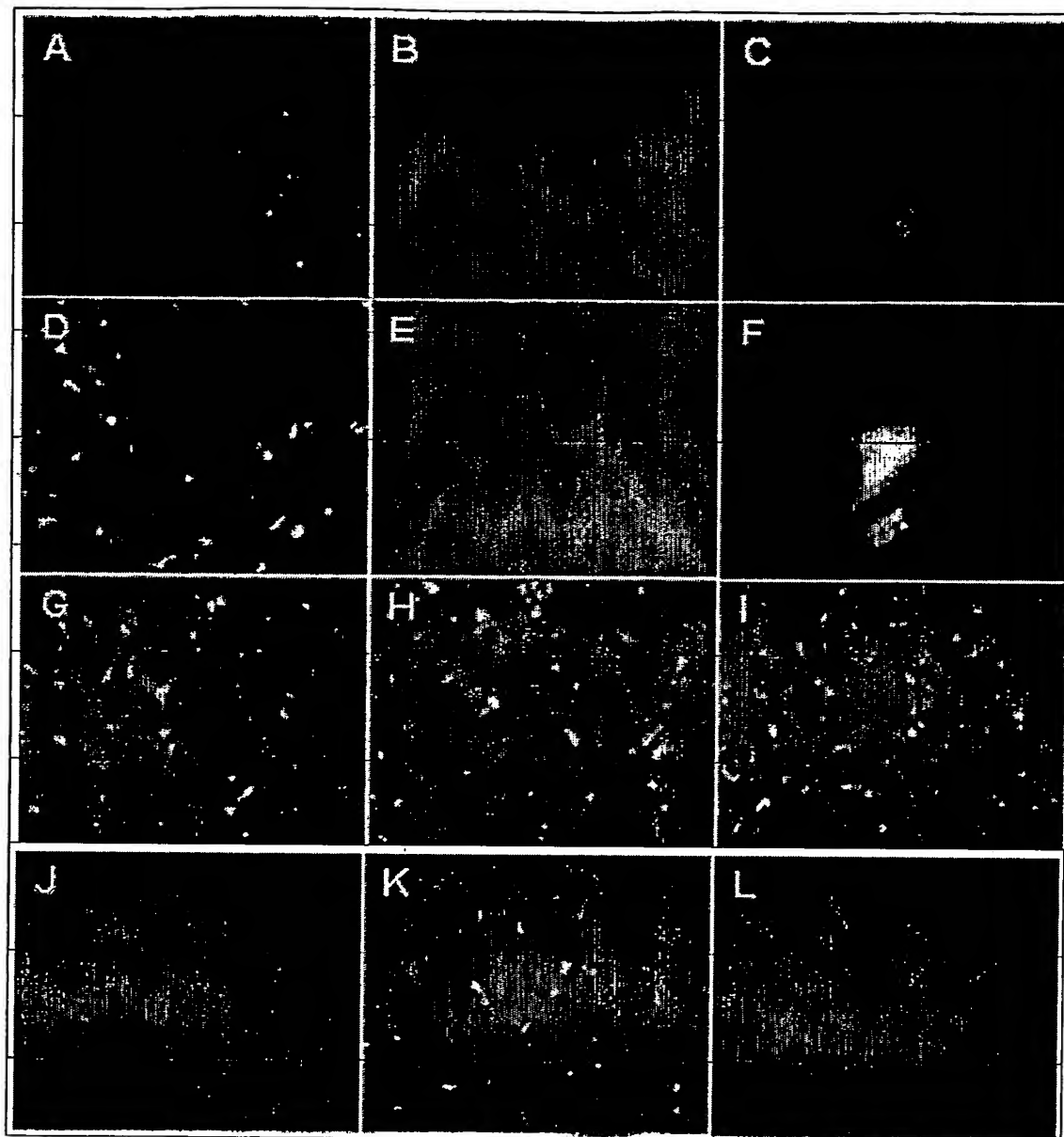
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Figure 2



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Figure 3



Fluorescent images of Vero cells transiently cotransfected with haptoEGFP expression constructs:

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Figure 4

Fluorescence

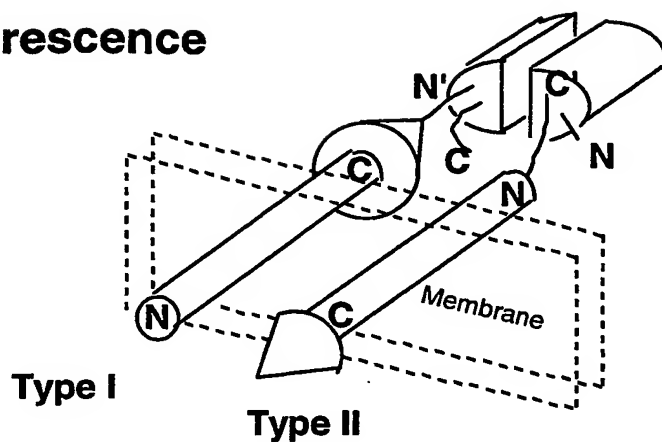


Figure 4A

No Fluorescence

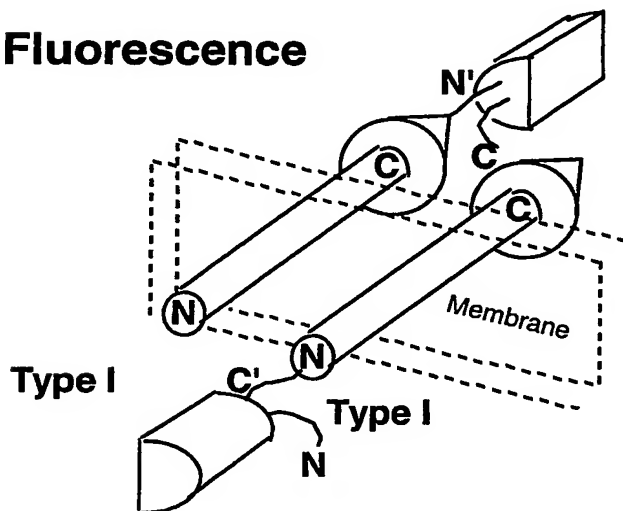


Figure 4B